

IN THE CLAIMS

The following listing of claims replaces all prior versions and listings thereof.

Claims 1-9 (Canceled).

Claim 10 (Currently Amended): A shaped article comprising:

a barrier material (B) in contact with at least a part of a surface a substrate of a polyolefin (A);

wherein no intervening adhesive layer is present between (B) and said surface;

wherein said barrier material (B) comprises at least one selected from the group consisting of EVOH copolymer, polyamide, aliphatic polyketone, polyester, and a combination thereof, having a solubility parameter obtained according to Fedors' formula greater than 11;

and wherein said barrier material (B) is applied to said surface with at least one method selected from the group consisting of flame spray coating, rotational molding, fluidized bed coating, and electrostatic coating.

Claim 11 (Previously Amended): The shaped article as claimed in claim 10, wherein the substrate is a product of injection molding.

Claims 12-14 (Canceled).

Claim 15 (Previously Amended): The shaped article as claimed in claim 10, wherein said substrate is comprised of a co-extrusion blow-molded fuel container that comprises an interlayer of barrier resin (D) and inner and outer layers of said polyolefin (A).

Claims 16-18 (Canceled).

Claim 19 (Original): The shaped article as claimed in claim 10, wherein the polyolefin (A) is a high-density polyethylene.

Claims 20-21 (Canceled).

Claim 22 (Previously Added): The shaped article as claimed in claim 10, which is in the form of a container having an opening, said opening having at least one cut edge, and said edge further comprises a layer of said barrier material (B).

Claim 23 (Previously Added): The shaped article as claimed in claim 10, wherein said substrate is a blow-molded or co-extrusion blow-molded container having a pinch-off part cutting face, and at least a portion of said surface comprises said cutting face.

Claim 24 (Previously Added): The shaped article as claimed in claim 10, wherein said substrate is a blow-molded or co-extrusion blow-molded container having at least one opening, wherein said opening comprises a cut edge, wherein at least a portion of said surface comprises said cut edge.

Claim 25 (Previously Added): The shaped article as claimed in claim 10, which is in the form of a tube.

Claim 26 (Previously Added): A fuel container, comprising the shaped article as claimed in claim 10.

Claim 27 (New): The shaped article as claimed in claim 10, wherein the barrier material (B) is EVOH copolymer.

Claim 28 (New): The shaped article as claimed in claim 10, wherein the barrier material (B) is polyamide.

Claim 29 (New): The shaped article as claimed in claim 10, wherein the barrier material (B) is aliphatic polyketone.

Claim 30 (New): The shaped article as claimed in claim 10, wherein the barrier material (B) is polyester.

Claim 31 (New): The shaped article as claimed in claim 10, wherein the barrier material (B) is a combination of two or more selected from the group consisting of EVOH copolymer, polyamide, aliphatic polyketone and polyester.

Claim 32 (New): The shaped article as claimed in claim 10, wherein the EVOH copolymer comprises 50-95% by weight of an ethylene-vinyl alcohol copolymer and 5-50% by weight of a boronic acid-modified polyolefin.

Claim 33(New): The shaped article as claimed in claim 10, wherein the EVOH copolymer comprises 50-95% by weight of an ethylene-vinyl alcohol copolymer and 5-50% by weight of multi-layered polymer particles.

Claim 34 (New): The shaped article as claimed in claim 10, wherein the barrier material (B) has a gasoline permeation of $100 \text{ g} \cdot 20 \text{ } \mu\text{m}/\text{m}^2 \cdot \text{day}$ at 40°C and 65% RH.

Claim 35 (New): The shaped article as claimed in claim 10, wherein the barrier material (B) has an oxygen transmission rate of $100 \text{ cc} \cdot 20 \text{ } \mu\text{m}/\text{m}^2 \cdot \text{day} \cdot \text{atm}$ at 20°C and 65% RH.

Claim 36 (New): The shaped article as claimed in claim 10, wherein the polyolefin (A) has a Fedors' solubility parameter of 6.7.

BASIS FOR THE AMENDMENTS

Claim 1 has been amended to recite that the barrier resin has a Fedors' solubility parameter of larger than 11. Support for the amendment is found, for example, at specification page 54, second paragraph. Applicants note that Fedors' formula is well-known in the art as noted in the attached "Polym. Eng. Sci." 1974 article, submitted for the Examiner's consideration.

New Claims 27-36 have been added, and these are drawn to narrower and more preferred embodiments of the invention.

New Claims 27-31 find support at Claim 10 as originally filed.

New Claims 32 and 33 find support at specification page 7, lines 1-8.

New Claims 34 and 35 find support at specification page 6, lines 1-6 from the bottom.

New Claim 36 finds support at specification page 54, second paragraph.

No new matter is believed to be added by entry of the amendments. Accordingly, entry and favorable consideration of the amendments are kindly requested. Upon entry of the amendments, Claims 10, 11, 15, 19, and 22-36 will be active.